

Gulf Cooperation Council

EDICT OF GOVERNMENT

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GSO 1417 (2011) (English): Harees and Jareesh (Draft Standard)



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هيئة التقييس لدول مجلس التعاون لدول الخليج العربية
G.C.C STANDARDIZATION ORGANIZATION (GSO)

GSO05 / FDS /2012

GSO 1417 /2011

HAREES AND JAREESH (E)

Prepared by
Gulf technical Committee for sector standards of food and
agriculture
product
Technical committee for food and agricultural products standards.

Foreword

GCC Standardization Organization (GSO) is a regional Organization which consists of the National Standards Bodies of GCC member States. One of GSO main functions is to issue Gulf Standards /Technical regulations through specialized technical committees (TCs).

GSO through the technical program of committee TC No. 5 Food and Agriculture sector has updated the GSO Standard NO. 1417/2005 " HAREES AND JAREESH ". The Draft Standard has been prepared by (*State of Kuwait*)

This standard has been approved as a Gulf (Standard / Technical Regulation) by GSO Board of Directors in its meeting No.(),held on / / H
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G. The approved standard will replace and supersede the GSO standard
No. (/)

HAREES AND JAREESH

1. SCOPE

This Standard applies to basic requirement for harees and jareesh .

2. Complementary References

- 2.1** GSO 328 " wheat Grains " .
- 2.2** GSO 382 GSO 383 " Maximum limits of pesticide residue in agricultural and food products – part 1 " .
- 2.3** GSO 383 GSO 383 " Maximum limits of pesticide residue in agricultural and food products –part 2" .
- 2.4** GSO 9 " Labeling of prepackaged foods " .
- 2.5** GSO 1016 " Microbiological limits in food and food stuff " .
- 2.6** GSO 327 " Methods of tests for wheat grains" .
- 2.7** GSO 193 " General standard for contaminants & toxins in food "
- 2.8** GSO 839 " Food packages part 1: General requirements " .
- 2.9** GSO 1863 "Food packages – part 2 plastic package – general requirements " .
- 2.10** GSO 168 " Requirement of storage facilities for dry and canned food stuffs " .
- 2.11** GSO 988 " Limits of radioactivity levels permitted in foods stuff part 1 " .
- 2.12** GSO 21 " Hygienic Regulations for food plants and their personnel" .
- 2.13** GSO ISO 950 " Cereal – sampling (as grain)" .
- 2.14** GSOISO 6322:3 " Storage of cereals and pulses – part 3 : control of attack by pests.
- 2.15** GSO ISO 6322 :2 " Storage of cereals and pulses — Part 2: Practical Recommendations
- 2.16** GSO ISO 6322 :1 " Storage of cereals and pulses – Part 1: General recommendations for the keeping of cereals " .
- 2.17** GSO 20 " Methods for the determination of contaminating metallic elements in food stuffs " .
- 2.18** GSO 841 " Maximum limits of mycotoxins permited in foods and animal feeds – aflatoxins " .
- 2.19** Gulf standard to be adopted by the GCC for methods of detection of aflatoxins permited in foods .

- 2.20** Gulf standard to be adopted by the GCC for methods for detection the pesticide Residues in Agricultural and food products .
- 2.21** Gulf standard to be adopted by the GCC for Maximum limits of residues hormones and antibiotics in food and agricultural products .
- 2.22** Gulf standard to be adopted by the GCC for methods of detection the Maximum limits of residues hormones and antibiotics in food and agricultural product.
- 2.23** Gulf standard to be adopted by the GCC for methods of detection of Limits of Radioactivity Levels Allowed in foodstuffs .

3. DESCRIPTION

- 3.1 Haress :** wheat grain is removed part of a full outer shell by more than 30 %
- 3.2 Jareesh :** wheat grain is broken into small pieces and removed part of the outer shell by not more than 30 % and the ratio of the fraction passing sieve size (1mm) of not more than 2 % .
- 3.3 Broken grains :** Grains of wheat from which a part of the endosperm is exposed or without germ .
- 3.4 Shrunken (shriveled) grains :** whole wheat grains which pass through a sieve with holes of 1.7 mm wide .

4. SPECIES :

- 4.1** Different varieties of harees and jareesh according to the type of used wheat , hard wheat (durum) and soft wheat can be used.

5. Requirements :

- 5.1** Moisture content in hares and Jareesh do not exceed 12 % .
- 5.2** Protein content in hares and Jareesh do not be less than 9 % on dry weight for soft wheat , do not be less than 10% on dry weight for medium hardness and do not be less than 11% on dry weight for hard wheat (durum) .

6. General Requirements :

The following conditions must be available in harees and jareesh.:

- 6.1** Hareese and jareesh do not contain a grain other than wheat
- 6.2** Product shall be free from impurities , herbs and exotic material and clustering.
- 6.3** Vestigial grains should not be more than 5%.
- 6.4** Broken grains " ratio of the fraction passing sieve size (1 mm) not more than 2 %) of 5 % in jereesh .

- 6.5** The product Shall be free from foreign smell and rotting.
- 6.6** Must be free from insect and their parts , larva , eggs and their effects .
- 6.7** Microbiological limits shall not exceed the limits state in GSO standard mention in clause 2.5,2.7 .
- 6.8** The limits of heavy metals should be according to the Gulf standards Mention in clause 17.2.
- 6.9** pesticide residue shall not exceed the permissible limits in Gulf standard mention in clause 2.2 , 2.3
- 6.10** radioactive levels should be according to Gulf standard mentioned in item 2.11 .

7. Packing

Following condition must consider during packing :

- 7.1** Herees and jareesh packages that weight more than 10 kg must packed in bags mad of textile materials of low absorption of moisture and allow ventilalion so that the pores do not effect properties of harees and jareesh.
- 7.2** Herees and jareesh packages that weigh less than 10 kg should be packed in paper or other suitable container do not effect the properties of harees and jareesh .
- 7.3** The container to be used must be identical to in Gulf standard mention in clause 2.8 , 2.9.

8. Transport and storage

- 8.1** Carrying bage of different kinds of harees and jareesh should be transported in clean containers lined with iron floor.
- 8.2** storage must be in whare houses which meet the health requirements in compliance with the Gulf standard mentioned in clause 10.2 in room temp not more than 25 ° C.

9- Labelling

Without prejudice to what mentioned in GSO 9 " Labelling of prepackaged food stuff " mention in clause 2.4 the following shall be declared on the label of product clear , Arabic language non removable font .

- 9.1** Product name.
- 9.2** The name of manufacturer or its trade mark registered .
- 9.3** Net weigh in international units
- 9.4** Expiration date determine from packaging date.

10- sampling

Samples shall be taken according to Gulf standards mentioned in clause 13.2.

11- Test methods

Test performed on the harees and jareesh according to the GSO 328 " wheat Grains " mentioned in clause 2.6 .

References :

- Kuwait flour mills & bakeries co.